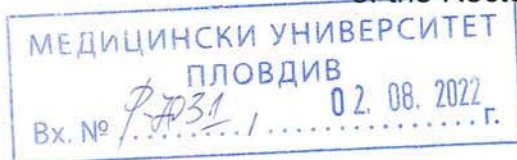


To the Chairman of the Scientific Jury,
by Order No. R - 1558/ 28.06.2022.
of the Rector of the Medical University - Plovdiv



15A V. Aprilov Blvd
4002 Plovdiv
№1/ от 07.07.2022

Review

for the academic position of "ASSOCIATED PROFESSOR"
in specialty "Imaging diagnostics"
announced for the needs of MU-Plovdiv, Department of Imaging
in SG, no. 32/26.4.2022

Reviewer:

Prof. Dr. Boyan Dobrev Balev, MD
Scientific specialty: Imaging diagnostics
Institution: Department of Imaging, Interventional Radiology and Radiotherapy,
Medical University "Prof. Dr. P. Stoyanov" Varna, Imaging Diagnostics Clinic of
UMBAL "St. Marina" Varna

Address: I cl. B app. 35
Email: bal Заличено на основание Чл.5 §1, 6, "В" Регламент (ЕС)2016/679
Phones: 0 3201

Documents were submitted by one candidate within the deadline: Dr. Katya Angelova Doykova, D. M., assistant at the Department of Imaging. The candidate has submitted a complete set of documents and has been admitted to the competition in accordance with the requirements of the Rules for the Terms and Conditions for Acquiring Scientific Degrees and Holding Academic Positions at the MU - Plovdiv

The review was prepared in accordance with the requirements of the Rules on the Development of the Academic Staff of the Republic of Bulgaria, the Regulations for its Application and the Regulations for the Academic Development at the MU-Plovdiv University of Applied Sciences for the occupation of JSC "Docent".

I. Analysis of the candidate's career profile

Dr. Katya Doykova was born in 1987. He graduated from the Mathematical High School "Acad. Kirill Popov" in Plovdiv, studying English. In 2013, he graduated in medicine with excellent results and full honors in the state exams. From the same year, he worked as a doctor at Kaspela University Hospital. In 2015, he started working as a specialist in the Department of Imaging Diagnostics in the same hospital and since 2020 he has acquired a medical specialty in imaging diagnostics.

In 2017, after a competition, he held the academic position of "Assistant" in the Department of Imaging, MF, MU-Plovdiv. In 2021, he acquired the ONS "Doctor" after successfully defending his dissertation on "pSW-elastography of the liver and spleen in the assessment of liver density in chronic viral hepatitis and liver cirrhosis with viral etiology".

From 2021, he holds the position of "Chief Assistant" at the Department of Imaging Diagnostics and is responsible for international activities.

The candidate increases her diagnostic and teaching competence by going through various courses in Bulgaria and abroad, which include all levels of ultrasound diagnostics, contrast-enhanced ultrasound, computed tomography diagnostics, including taking a course "Pedagogical problems in medical education". She specializes in abdominal imaging and has completed additional qualification courses in computed tomography colonography, diagnostics of the hepatobiliary system, etc. Dr. Doykova actively participates in postgraduate training courses for doctors from various specialties in ultrasound and computed tomography diagnostics.

The candidate is fluent in written and spoken English.

Dr. Doykova is a member of the Bulgarian Society of Diagnostic Imaging (BAR), the European Society of Radiology (ESR), the European Society of Abdominal Imaging (ESGAR). He is an active participant in 9 poster sessions at major international radiology forums - European Congress of Radiology and Balkan Congress of Radiology. In 2020, he won an award sponsored by the European Congress of Radiology in the EPOS poster session with the topic Spleen-Liver-Stiffness Ratio as a Predictor of Presence and Severity of Chronic Liver Disease.

Dr. Katya Doykova works hard and encourages students with an increased interest in imaging diagnostics, which has resulted in several publications in MND "Asclepius". Dr. Doykova also works in close collaboration with doctoral students, specialists and professors at MU Plovdiv from various medical specialties and departments.

The candidate has a good grade, certified by protocol 10/15.10.2020 of the Attestation Commission of the University of Plovdiv.

II. General description of the submitted materials for the competition

For the purposes of this competition, Dr. Katya Doykova has submitted a complete set of the required documents according to the regulations of MU-Plovdiv.

III. Evaluation of the scientific works of the candidate for the overall academic development

Dr. Katya Doykova presents 23 scientific works, which include: an abstract of the dissertation work for the acquisition of the Doctor of National Academy of Sciences, habilitation work - monograph, 11 publications in scientific publications, referenced and indexed in world-famous databases with scientific information (Scopus and Web of science), 3 of which with IF (total IF 6.715), 10 publications and reports published in non-refereed peer-reviewed journals.

The scientific developments presented by Dr. Doykova concern a wide range of diseases from different specialties. They are current, innovative and with an original contribution. A large part of them are new to the country and are related to personal studies and collaborative work by specialists in different fields of medicine.

The candidate participates in examination committees of medical students in Bulgarian and English, nurses, imaging specialists.

Dr. Doykova participated in a scientific project.

IV. Evaluation of the monographic work of the candidate

Dr. Katya Doykova presents for the competition the monograph "Application of ultrasound elastography of the spleen in and outside hepatology" ISBN 978-619-7205-27-5.

This monograph, for the first time in the country, examines the application of the different variants of ultrasound elastography to determine the change in the density of the spleen in various diseases affecting the spleen, both in the field of hepatology and outside it - the change in the density of the spleen in hematological diseases, as well and in rheumatology in patients with systemic sclerosis.

V. Reflection of the candidate's publications in national and foreign literature

Dr. Katya Doykova presents 16 citations, of which: 7 citations in publications in scientific publications, referenced and indexed in world-famous databases with scientific information (Scopus Web of science); 3 citations in monographs and peer-reviewed collective volumes; 6 citations in non-refereed peer-reviewed journals.

VI. Complex evaluation of the teaching-methodical and teaching activity

Dr. Katya Doykova conducts the practical training of medical students in Bulgarian and English. From 2022, he participates in the lecture course and the practical training of students from the "Nursing" specialty at the Health and Medical Center of MU Plovdiv. Actively participates in the theoretical and practical training of imaging specialists. He is a member of non-examination committees for semester exams, colloquiums of specialists in imaging diagnostics. For the last two years, Dr. Doykova has over 350 hours of work in the Department of Postgraduate Education at MU Plovdiv.

Dr. Doykova has been participating since 2017 in SDO courses for ultrasound diagnostics, and since 2021 she has been actively conducting the practical training of specialists in various fields of ultrasound diagnostics. Dr. Doykova conducts individual practical training for specialists in ultrasound and computed tomography diagnostics.

Dr. Doykova teaches students of the Erasmus international program, Erasmus+, the international student and teacher exchange program CEEPUS (Central European Exchange Program for University Studies).

Dr. Katya Doykova works hard and encourages students with an increased interest in imaging diagnostics, which has resulted in several publications in MND "Asclepius". Dr. Doykova also works in close collaboration with doctoral students, specialists and professors at MU Plovdiv from various medical specialties and departments.

The candidate has a good grade, certified by protocol 10/15.10.2020 of the Attestation Commission of the University of Plovdiv.

VII. Critical notes and recommendations

I have no critical notes. As a recommendation, I give participation in a study aid/guide.

VIII. A comprehensive assessment of the applicant's compliance with the minimum national requirements

Katja Doykova , PhD, meets the set of mandatory conditions and scientometric criteria and indicators from ZRASRB and the requirements specific to Plovdiv Medical University, determined by the Regulations for Academic Development at MU Plovdiv for holding the position of Associate Professor.

The candidate significantly exceeds the required number of points in the various fields.

MANDATORY MINIMUM SCIENTOMETRICAL INDICATORS OF MU-PLOVDIV FOR FIELD 7.1. MEDICINE (medical-clinical)

| Group indicators | Content | JSC "Docent" (number of points) | Dr. Katya Doykova , dm (number of points) |
|------------------|----------------------|---------------------------------|---|
| A | Indicator 1 | 50 | 50 |
| B | Indicator 2 | - | - |
| C | Indicators 3,4 | 100 | 100 |
| D | Indicators 5-9 | 200 | 353 |
| E | Indicators 10-12 | 100 | 165 |
| F | Indicators 13-22 | 60 | 85 |
| G | Educational activity | 300 | 478.1 |
| | TOTAL | 810 | 1231.1 |

IX. Conclusion

Dr. Katya Doykova is an established specialist and lecturer in imaging diagnostics. The presented scientific production covers actual topics of medical practice through the application of up-to-date imaging methods. Her scientific and clinical work have their scientific contributions.

Based on the overall evaluation, my personal impressions and according to the requirements and evaluation criteria of the Medical University of Plovdiv, I fully support the candidacy of Dr. Katya Angelova Doykova , MD, to be awarded the academic position "Docent" in the professional field of Medicine, in " Radiology and radiology (including the use of radioactive isotopes)".

01.08.2022

Заличено на основание
Чл.5 §1, 6."В" Регламент (ЕС)2016/679

Boyan Balev:.....